

Articole publicate în reviste stiintifice (numele membrilor echipei sunt marcate cu litere ingrosate)

A1. Bayesian inference of thermal effects in dense matter within the covariant density functional theory, **Adriana R. Raduta, Mikhail V. Beznogov**, Micaela Oertel, *Phys. Lett. B* 853, 138696 (2024); IF: 4.3; JCI: 1.38; AIS: 1.231

A2. Bayesian survey of the dense matter equation of state built upon Skyrme effective interactions, **Mikhail V. Beznogov, Adriana R. Raduta**, *The Astrophys. Journal*, 966, 216 (2024); IF: 4.8; JCI: 1.10; AIS: 1.663

A3. Frequencies of f- and p-oscillation modes in cold and hot compact stars, **Vivek Baruah Thapa, Mikhail V. Beznogov, Adriana R. Raduta**, Pratik Thakur, *Phys. Rev. D* 107, 103054 (2023); IF: 5.0; JCI: 1.18; AIS: 1.018

A4. Bayesian inference of the dense matter equation of state built upon covariant density functionals, **Mikhail V. Beznogov, Adriana R. Raduta**, *Phys. Rev. C* 107, 045803 (2023); IF: 3.1; JCI: 1.39; AIS: 0.684

A5. Standard cooling of rapidly rotating isolated neutron stars in 2D, **Mikhail V. Beznogov**, Jerome Novak, Dany Page, **Adriana R. Raduta**, *The Astrophys. Journal*, 942, 72 (2023); IF: 4.9; JCI: 1.07; AIS: 1.560

A6. Probing strong field  $f(R)$  gravity and ultradense matter with the structure and thermal evolution of neutron stars, Martin Nava-Callejas, Dany Page, **Mikhail V. Beznogov**, *Phys. Rev. D* 107, 104057 (2023); F: 5.0; JCI: 1.18; AIS: 1.018

A7. A “Hyperburst” in the MAXI J0556–332 Neutron Star: Evidence for a New Type of Thermonuclear Explosion, Dany Page, Jeroen Homan, Martin Nava-Callejas, Yuri Cavecchi, **Mikhail V. Beznogov**, R. Wijnands and A. S. Parikh, *Astrophys. Journal* 933, 216 (2022); IF: 4.9; JCI: 1.07; AIS: 1.560

A8. CompOSE Reference Manual, S. Typel, M. Oertel, T. Klähn, D. Chatterjee, V. Dexheimer, C. Ishizuka, M. Mancini, J. Novak, H. Pais, C. Providencia, **Ad. R. Raduta**, M. Servillat, L. Tolos, *Eur. Phys. J. A* 58, 221 (2022); IF: 2.6; JCI: 0.87; AIS: 0.751

A9. Equations of state for hot neutron stars-II. The role of exotic particle degrees of freedom, **Adriana R. Raduta**, *Eur. Phys. J. A* 58, 115 (2022); IF: 2.6; JCI: 0.87; AIS: 0.751

A10. EoS for hot neutron stars, **Adriana R. Raduta, Flavia Nacu**, Micaela Oertel, *Eur. Phys. J. A* 57, 329 (2021); IF: 2.6; JCI: 0.87; AIS: 0.751

A11. Hot neutron stars and their equation of state, Jin-Biao Wei, G. F. Burgio, **Ad. R. Raduta**, and H.-J. Schulze, *Phys. Rev. C* 104, 065806 (2021); IF: 3.1; JCI: 1.39; AIS: 0.684

A12. Maximum mass of compact stars from gravitational wave events with finite-temperature equations of state, Sanika Khadkikar, **Adriana R. Raduta**, Micaela Oertel, and Armen Sedrakian, *Phys. Rev. C* 103, 055811 (2021); IF: 3.1; JCI: 1.39; AIS: 0.684

A13. Delta-admixed neutron stars: spinodal instabilities and dUrca processes, **Adriana R. Raduta**, *Phys. Lett. B*, Volume 814, 136070 (2021); IF: 4.3; JCI: 1.43; AIS: 1.256